

STATE OF NEVADA

PRELIMINARY ORDER OF DETERMINATION

OF THE

Waters of the Humboldt River and Its Tributaries

Compiled by the Office of State Engineer, Under Authority
of Chapter 140, Statutes of 1913, as amended by Chapter 253,
Statutes of 1915, as amended by Chapter 106, Statutes of 1921

J. G. SCRUGHAM, State Engineer



CARSON CITY, NEVADA

STATE PRINTING OFFICE—JOE FARNSWORTH, SUPERINTENDENT

1922

PRELIMINARY ORDER OF DETERMINATION OF THE HUMBOLDT RIVER STREAM-SYSTEM AND ITS TRIBUTARIES

The State Engineer of the State of Nevada, having heretofore and under and pursuant to section 18 of chapter 140, Statutes of Nevada, 1913, and Acts amendatory and supplemental thereto, selected in order of its importance for irrigation the Humboldt River stream-system and its tributaries for the determination of the relative rights to the use of the water of said stream-system, and the State Engineer having given and published the notices and filed and made the orders as required by the provisions of sections 18 to 27 of the said chapter 140, Statutes of Nevada, 1913, and Acts amendatory and supplemental thereto, and having made the investigations, prepared the maps, observations and other data, as required by said sections, of said Act, and having received and there having been filed with said State Engineer the proofs and statements of claims to the use of water from said stream-system, and all said proofs and evidence taken or given before the State Engineer, or obtained by said State Engineer, having been duly considered, said State Engineer hereby makes this his Preliminary Order of Determination, defining the several rights of claims to the waters of said stream-system and its tributaries.

Except as hereinafter stated, it is recommended the duty of water on the lands irrigated from the Humboldt River stream-system should be as follows:

Class A, Harvest Crops, etc.—3 acre-feet per acre.

Class B, Meadow Pasture— $1\frac{1}{2}$ acre-feet per acre.

Class C, Diversified Pasture— $\frac{3}{4}$ acre-foot per acre.

In the following tabulations the calculated rate of flow in Districts 1, 2, and 3 is based upon an irrigating season of 180 days for Class A lands, 90 days for Class B lands, and 45 days for Class C lands. In District 4 the calculated rate of flow is based upon an irrigating season of 120 days for Class A lands, 60 days for Class B lands, and 30 days for Class C lands. Due to the wide variations in conditions of irrigation practice, season, soil, crops, etc., the State Engineer deems it necessary to reserve the right as given under section 36a, chapter 106, Nevada Statutes of 1921, to modify his findings on the duty of water or rate of flow as allocated, where it is afterwards found that such modification is desirable and consistent with the principle that actual and beneficial use is the measure and limit of the right.

In defining this actual and beneficial use the State Engineer will give due consideration to the head required to distribute the water over the land and to the water which returns to the stream-system and becomes available for the use of other appropriators.

Upon lands where conditions render it impossible to measure the amount of water diverted upon the land, the duty of water as allotted will be modified and based upon that time-limit of irrigation which is found to be most consistent with good husbandry. Swamp lands which are allocated a water right in the following tabulations should not carry the right to divert water from the stream-system on to such lands, until the areas become dry or are drained and provision made to return the drainage water to the stream-system.

The parties named in this order of determination, or their successors in

interest, shall not be required to take or use the amount of water allotted to them in a continuous flow, but may cumulate the same or any part thereof in rotation or periodic turn, within the season limits, and with the approval of the Water Commissioner, and subject to the control and direction of the State Engineer.

In addition to water used during the irrigating season, each user should be entitled, in his proper proportion and priority, to the use of water in such reasonable amounts as necessary for fall and spring irrigation and for stock-watering purposes during the nonirrigating season.

In case any water user is dissatisfied with the duty of water as allotted in this preliminary order of determination, he may, either immediately or at any time not later than three years from date of issuance of the court decree, submit to the State Engineer such authenticated measurements as may be necessary to prove the actual and beneficial use of water on his lands. Upon approval of the proof submitted, the Engineer will accordingly modify his findings or, in case the decree has already been entered, he will apply to the Court for a modification of the duty of water allotment in conformity with the proof submitted.

All measurements of amounts diverted are to be made at the point where the main ditch enters or becomes adjacent to the land to be irrigated or as near thereto as practicable, the location if not selected by the State Engineer to be approved by him. Each water user shall install and maintain substantial headgates and weirs in his ditch or ditches. Due allowance for losses in ditches will be made by the State Engineer in case it becomes necessary to divert additional water into said ditches.

Sett 11 p. 42 Secretary

LOVELOCK DISTRICT

Proof No. 001

Claimant—Antonio J. Alves.
Source—Humboldt River. Ditch—Old Channel.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Culture—Acres			Tp.N.	R.E.	Length of season	Duty of water—	
		Harvest crops	Meadow pasture	Willow and sage pasture				C.F.S.	Acres-foot
1904	4	18	32	3-15-9-15	.033	12.0
1904	4.30	18	32	3-15-6-13	.035	6.45

Proof No. 002

Claimant—Johannes Anderson.
Source—Humboldt River. Ditch—Larson Ditch. Union Canal through Reed Ditch.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Harvest crops	Meadow pasture	Willow and sage pasture	Location— Subdivision		Tp.N.	R.E.	Length of season	Duty of water— C.F.S.	Acres-foot
					Section					
1874	30	E $\frac{1}{2}$ NE $\frac{1}{4}$	4	25	31	3-15-9-15	.244	90.0
1880	10	E $\frac{1}{2}$ NE $\frac{1}{4}$	4	25	31	3-15-9-15	.081	30.0
1881	17.25	E $\frac{1}{2}$ NE $\frac{1}{4}$	4	25	31	3-15-9-15	.140	51.75
1883	36.25	E $\frac{1}{2}$ SE $\frac{1}{4}$	4	25	31	3-15-9-15	.295	108.75
1898	18.25	E $\frac{1}{2}$ SE $\frac{1}{4}$	4	25	31	3-15-9-15	.148	54.75
1902	18	E $\frac{1}{2}$ SE $\frac{1}{4}$	4	25	31	3-15-9-15	.146	54.0

Proof No. 003

Claimant—Peter Anker.
Source—Humboldt River. Ditch—Union Canal.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Harvest crops	Meadow pasture	Willow and sage pasture	Location— Subdivision		Tp.N.	R.E.	Length of season	Duty of water— C.F.S.	Acres-foot
					Section					
1877	35.45	E $\frac{1}{2}$ SE $\frac{1}{4}$	22	26	31	3-15-6-13	.646	119.1
1877	62.04	NE $\frac{1}{4}$	22	26	31	3-15-9-15	.288	106.35
1878	31.02	22	26	31	3-15-9-15	.504	186.12
1880	35.45	22	26	31	3-15-9-15	.252	93.06
1881	28.36	22	26	31	3-15-9-15	.288	106.36
1882	22.16	22	26	31	3-15-9-15	.231	85.08
1883	35.45	22	26	31	3-15-9-15	.180	66.48
1886	265.88	22	26	31	3-15-9-15	.288	106.35
1890	10.64	22	26	31	3-15-9-15	2.161	797.64
1879	38.60	E $\frac{1}{2}$ E $\frac{1}{2}$	22	26	31	3-15-9-15	.225	31.92
1880	19.37	E $\frac{1}{2}$ E $\frac{1}{2}$	21	26	31	3-15-9-15	.453	116.07
1881	19.37	E $\frac{1}{2}$ E $\frac{1}{2}$	21	26	31	3-15-9-15	.295	58.11
1882	14.50	E $\frac{1}{2}$ E $\frac{1}{2}$	21	26	31	3-15-9-15	.295	43.50
1883	19.37	E $\frac{1}{2}$ E $\frac{1}{2}$	21	26	31	3-15-9-15	.295	58.11
1886	30.96	E $\frac{1}{2}$ E $\frac{1}{2}$	21	26	31	3-15-9-15	.389	92.88
1890	7.74	E $\frac{1}{2}$ E $\frac{1}{2}$	21	26	31	3-15-9-15	.201	23.22

Claimant—L. R. Bassman.

Source—Humboldt River. Ditch—Old Channel.

1895	86.00	SE $\frac{1}{4}$	14	27	31	3-15-9-15	258.0
1895	29.20	SE $\frac{1}{4}$	14	27	31	3-15-9-15	66.60
1895	2.75	SE $\frac{1}{4}$	14	27	31	3-15-9-15	8.25
1895	24.65	SE $\frac{1}{4}$	14	27	31	3-15-9-15	72.15
1895	60.33	SW $\frac{1}{4}$	14	27	31	3-15-9-15	181.65
1895	78.10	SW $\frac{1}{4}$	14	27	31	3-15-9-15	234.30

Proof No. 004

Claimant—Grace S. Jahn.

Source—Humboldt River. Ditch—Union Canal through Reed Ditch.

1880	15	N $\frac{1}{2}$	24	26	31	3-15-9-15	45.0
1876	N $\frac{1}{2}$	24	26	31	3-15-9-15	144.0
1881	30	N $\frac{1}{2}$	34	26	31	3-15-9-15	90.0
1883	35	N $\frac{1}{2}$	34	26	31	3-15-9-15	165.0
1887	25	N $\frac{1}{2}$	34	26	31	3-15-9-15	75.0
1901	15	N $\frac{1}{2}$	34	26	31	3-15-9-15	45.0
1903	20	N $\frac{1}{2}$	34	26	31	3-15-9-15	60.0

Proof No. 005

Claimant—Pitt and McDonald.

Source—Humboldt River. Ditch—Union Canal through Lake Shore Ditch.

1874	44.05	W $\frac{1}{2}$ NW $\frac{1}{4}$	4	25	31	3-15-6-13	66.75
1874	NW $\frac{1}{4}$	4	25	31	3-15-6-13	174.0

Proof No. 006

Claimant—Ed. Berg.

Source—Humboldt River. Ditch—Young Ditch.

1897	58.14	E $\frac{1}{2}$ E $\frac{1}{2}$	1	27	31	3-15-9-15	174.42
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Proof No. 007

Claimant—William Loorz.

Source—Humboldt River. Ditch—Old Channel.

1895	30	W $\frac{1}{2}$ NE $\frac{1}{4}$	13	27	31	3-15-9-15	90.0
1897	20	W $\frac{1}{2}$ NE $\frac{1}{4}$	13	27	31	3-15-9-15	60.0
1898	15.40	W $\frac{1}{2}$ NE $\frac{1}{4}$	13	27	31	3-15-9-15	46.20
1895	W $\frac{1}{2}$ NE $\frac{1}{4}$	13	27	31	3-15-6-13	13.13

Proof No. 008

Claimant—W. C. Thorne and Ida M. Thorne.

Source—Humboldt River. Ditch—Irish-American.

1886	4	SW $\frac{1}{4}$ SE $\frac{1}{4}$	23	27	31	3-15-9-15	12.0
1888	14.20	SW $\frac{1}{4}$ SE $\frac{1}{4}$	23	27	31	3-15-9-15	42.60
1890	SW $\frac{1}{4}$ SE $\frac{1}{4}$	23	27	31	3-15-6-13	4.73

Proof No. 009

Claimant—Mrs. E. A. Borland.
Source—Humboldt River. Ditch—Irish-American in conjunction with Old Channel.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Culture—Acres		Subdivision	Location— Section	Tp. N.	R. E.	Length of season	Duty of water— C. F. S. Acre-foot	
		Harvest crops	Meadow pasture							

1890	1.69	NW $\frac{1}{4}$ NE $\frac{1}{4}$	27	27	31	3-15-9-15	.014	5.07
1890	37.86	W $\frac{1}{2}$ NE $\frac{1}{4}$	27	27	31	3-15-9-15	.308	113.58
1891	29.45	W $\frac{1}{2}$ NE $\frac{1}{4}$	27	27	31	3-15-9-15	.239	88.35
1892	110.70	NW $\frac{1}{4}$	27	27	31	3-15-9-15	.900	332.10

Proof No. 0011

Claimant—F. A. Preston.
Source—Humboldt River. Ditch—*Graveyard Slough and Union Canal.

1886	9	W $\frac{1}{2}$ SE $\frac{1}{4}$	29	26	31	3-15-9-15	.073	27.0
1890	3	W $\frac{1}{2}$ SE $\frac{1}{4}$	29	26	31	3-15-9-15	.024	9.0
1900	14.75	W $\frac{1}{2}$ SE $\frac{1}{4}$	29	26	31	3-15-9-15	.112	44.25
1886	W $\frac{1}{2}$ SE $\frac{1}{4}$	29	26	31	3-15-6-13	.185	34.2

Proof No. 0012

Claimant—Pitt and McDonald.
Source—Humboldt River. Ditch—Union Canal through Lake Shore Ditch; *Trembley Ditch.

1874	227.65	W $\frac{1}{2}$ SE $\frac{1}{4}$ &SW $\frac{1}{4}$	4	25	31	3-15-9-15	1.871	682.95
1874	W $\frac{1}{2}$ SE $\frac{1}{4}$ &SW $\frac{1}{4}$	4	25	31	3-15-6-13	.099	18.3

Proof No. 0013

Claimant—L. N. Carpenter.
Source—Humboldt River. Ditch—Rodgers Canal System and †Irish-American.

1889	25.55	SW $\frac{1}{4}$ NW $\frac{1}{4}$	10	26	31	3-15-9-15	.208	76.65
1900	17.50	NE $\frac{1}{4}$ NW $\frac{1}{4}$	11	26	31	3-15-9-15	.142	52.50
1897	17.45	E $\frac{1}{2}$ NW $\frac{1}{4}$	35	27	31	3-15-9-15	.142	52.35
1877	E $\frac{1}{2}$ NW $\frac{1}{4}$	35	27	31	3-15-6-13	.157	28.88
1877	119.25	S $\frac{1}{2}$ SW $\frac{1}{4}$	26	27	31	3-15-6-13	.193	35.55
1877	423.70	S $\frac{1}{2}$ SW $\frac{1}{4}$	26	27	31	3-15-6-13	.537	9.9
1885	16.60	SE $\frac{1}{4}$ NW $\frac{1}{4}$	26	26	31	3-15-9-15	.203	75.0
1885	25	E $\frac{1}{2}$ SW $\frac{1}{4}$	1	26	31	3-15-9-15	.610	225.0
1886	75	E $\frac{1}{2}$ SW $\frac{1}{4}$	1	26	31	3-15-9-15	.016	6.0
1886	2	W $\frac{1}{2}$ SW $\frac{1}{4}$	1	26	31	3-15-9-15	.024	9.0
1890	40	W $\frac{1}{2}$ SW $\frac{1}{4}$	1	26	31	3-15-9-15	.325	120.0
1890	20	W $\frac{1}{2}$ SW $\frac{1}{4}$	1	26	31	3-15-9-15	.163	60.0
1891	5.75	NW $\frac{1}{4}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.047	17.25
1891	27.65	SW $\frac{1}{4}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.225	82.35
1891	20	NW $\frac{1}{4}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.163	60.0
1894	5.40	SW $\frac{1}{4}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.044	16.20
1894	3.60	W $\frac{1}{2}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.029	10.8
1894	3	W $\frac{1}{2}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.041	15.0
1898	20	NE $\frac{1}{4}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.163	60.0
1900	15	S $\frac{1}{2}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.125	45.0
1900	26	NE $\frac{1}{4}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.163	60.0
1900	26.20	S $\frac{1}{2}$ SE $\frac{1}{4}$	1	26	31	3-15-9-15	.213	98.60
1900	13.96	E $\frac{1}{2}$ NE $\frac{1}{4}$	1	26	31	3-15-9-15	.113	40.88

Claimant—Chris Beck.
Source—Humboldt River. Ditch—Killebrew & Beck Ditch, now Tule Ditch.

Proof No. 0014

Date of bene- ficial use— Nat. Oult. mdw. area	Construction and first initiated Dams Ditches	Culture—Acres—		Location—		Length of season	Duty of water—	
		Meadow pasture	Willow sage pasture flow	Subdivision	Section		C.F.S.	Acre-feet
1901	SW $\frac{1}{4}$	10	25	31	3-15—9-15
.....	240.0

Claimant—Chris Hanson.
Source—Humboldt River. Ditch—*Harrison and Mayes; †Southwest
Ditch; ‡Irish-American.

Proof No. 0015

1885	E $\frac{1}{2}$ NW $\frac{1}{4}$	28	27	31	3-15—9-15
*1880	E $\frac{1}{2}$ NW $\frac{1}{4}$	28	27	31	3-15—9-15
.....081
.....650
.....	240.0

Claimant—John G. Taylor.
Source—Humboldt River. Ditch—Southwest Ditch.

Proof No. 0016

1800	E $\frac{1}{2}$ NE $\frac{1}{4}$	28	27	31	3-15—9-15
.....595
.....	219.42

Claimant—John G. Taylor.
Source—Humboldt River. Ditch—Young Ditch in conjunction with Marzen Slough.

Proof No. 0016

1890	W $\frac{1}{2}$ NW $\frac{1}{4}$	28	27	31	3-15—9-15
.....470
.....	173.28

Claimant—H. M. Damm.
Source—Humboldt River. Ditch—Old Channel and Humboldt Irrigation
and Power Co. Canal.

Proof No. 0017

1897	NE $\frac{1}{4}$ SE $\frac{1}{4}$	11	27	31	3-15—9-15
1897	SW $\frac{1}{4}$ SW $\frac{1}{4}$	11	27	31	3-15—9-15
1895	E $\frac{1}{2}$ SW $\frac{1}{4}$ & NW $\frac{1}{4}$ SW $\frac{1}{4}$	11	27	31	3-15—9-15
1897	E $\frac{1}{2}$ SW $\frac{1}{4}$ & NW $\frac{1}{4}$ SW $\frac{1}{4}$	11	27	31	3-15—9-15
1895	SW $\frac{1}{4}$	11	27	31	3-15—9-15
1895	SE $\frac{1}{4}$ NW $\frac{1}{4}$	11	27	31	3-15—9-15
1895	NE $\frac{1}{4}$ SW $\frac{1}{4}$	11	27	31	3-15—9-15
1895	NE $\frac{1}{4}$ NW $\frac{1}{4}$	11	27	31	3-15—9-15
.....241
.....274
.....616
.....244
.....673
.....248.40
.....090
.....333.30
.....010
.....071
.....	89.10
.....	101.10
.....	297.43
.....	90.0
.....	248.40
.....090
.....333.30
.....010
.....071

Claimant—J. C. Damm.
Source—Humboldt River. Ditch—Union Canal through Lake Shore Ditch.

Proof No. 0018

1877	NW $\frac{1}{4}$	28	26	31	3-15—9-15
1877	NW $\frac{1}{4}$	28	26	31	3-15—9-15
1878	NW $\frac{1}{4}$	28	26	31	3-15—9-15
1880	NW $\frac{1}{4}$	28	26	31	3-15—9-15
1883	NW $\frac{1}{4}$	28	26	31	3-15—9-15
.....041
.....051
.....122
.....30.0
.....081
.....380
.....	15.0
.....	9.45
.....	45.0
.....	30.0
.....	140.25

Claimant—E. A. Perez and John Dotta.

Source—Humboldt River. Ditch—Union Canal through Reed Ditch.

1884	22	$E\frac{1}{2}NW\frac{1}{4}$	33	26	31	3-15-9-15	179	66.0	Proof No. 0019
1887	33.05	$E\frac{1}{2}NW\frac{1}{4}$	33	26	31	3-15-9-15	.269	99.15	

Claimant—Lawrence Devita.

Source—Humboldt River. Ditch—Old Channel.

1899	29.80	$NE\frac{1}{4}$	13	27	31	3-15-9-15	.242	89.40	Proof No. 0021
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Claimant—Frank Ambrosetti and John Scott.

Source—Humboldt River. Ditch—Old Channel.

1896	31.70	$W\frac{1}{2}SW\frac{1}{4}$	13	27	31	3-15-9-15	.258	95.10	
1896	7.90	$W\frac{1}{2}SW\frac{1}{4}$	13	27	31	3-15-9-15	.064	23.70	
1896	8.30	$W\frac{1}{2}SW\frac{1}{4}$	13	27	31	3-15-9-15	.067	24.90	
1896	4.35	$W\frac{1}{2}SW\frac{1}{4}$	13	27	31	3-15-9-15	.035	13.05	
1896	14.25	$W\frac{1}{2}SW\frac{1}{4}$	13	27	31	3-15-9-15	.116	42.75	
1896	2.75	$NE\frac{1}{4}NW\frac{1}{4}$	24	27	31	3-15-9-15	.022	8.25	

Claimant—Santos and Souza.

Source—Humboldt River. Ditch—Union Canal through Lake Shore Ditch.

1899	40	$W\frac{1}{2}SW\frac{1}{4}$	29	26	31	3-15-9-15	.324	120.0	
1902	20	$W\frac{1}{2}SW\frac{1}{4}$	29	26	31	3-15-9-15	.163	60.0	
1903	20	$W\frac{1}{2}SW\frac{1}{4}$	29	26	31	3-15-9-15	.163	60.0	

Claimant—Carl Elges.

Source—Humboldt River. Ditch—Young Ditch.

1897	59.75	$NE\frac{1}{4}$	7	27	32	3-15-9-15	.486	179.25	
1897	3.15	$NW\frac{1}{4}NE\frac{1}{4}$	7	27	32	3-15-9-15	.026	9.45	
1897	$N\frac{1}{2}NE\frac{1}{4}$	7	27	32	3-15-6-13	.051	9.45	

Claimant—Frank R. Mancebo.

Source—Humboldt River. Ditch—Old Channel.

1894	30	$S\frac{1}{2}SE\frac{1}{4}$	12	27	31	3-15-9-15	.244	90.0	
1895	46.50	$S\frac{1}{2}SE\frac{1}{4}$	12	27	31	3-15-9-15	.378	139.50	

Claimant—James Kjeldsen.

Source—Humboldt River. Ditch—Union Canal.

1879	13	$S\frac{1}{2}SE\frac{1}{4}$	28	26	31	3-15-9-15	.146	54.0	
1880	8	$S\frac{1}{2}SE\frac{1}{4}$	28	26	31	3-15-9-15	.065	24.0	
1882	14	$S\frac{1}{2}SE\frac{1}{4}$	28	26	31	3-15-9-15	.114	42.0	
1885	12	$S\frac{1}{2}SE\frac{1}{4}$	28	26	31	3-15-9-15	.098	36.0	
1891	15	$S\frac{1}{2}SE\frac{1}{4}$	28	26	31	3-15-9-15	.122	45.0	
1891	2.08	$S\frac{1}{2}SE\frac{1}{4}$	28	26	31	3-15-9-15	.017	6.24	

Claimant—Mary T. Fuss.
Source—Humboldt River. Ditch—*Saxenheimer; †Union Canal through Fuss Lateral.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Culture—Acres		Subdivision	Location— Section	Tp.N.	R.E.	Length of season	Duty of water—	
		Meadow pasture	Willow sage pasture flow						C.F.S.	Acre-feet
*1866	198.65	12	26	31	3-15—0-15	1.615	595.95
*1866	12	26	31	3-15—6-13	3.170	584.85
†1879	†120	12	26	31	3-15—0-15	.976	360.0
†1885	†140	12	26	31	3-15—0-15	1.138	420.0
†1890	†100	12	26	31	3-15—0-15	.813	300.0
*1866	12	26	31	3-15—6-13	.243	44.85

NOTE—Land originally held water right for pasture as of 1866. Since that time the pasture land has gradually been taken under intensive cultivation in the years mentioned, thus gaining, in addition to the pasture right, right sufficient to give a full water right to the lands listed in tabulation as harvest crops.

The total area for which water is allotted cannot be in excess of 588.55 acres.

Claimant—C. C. Carpenter.
Source—Humboldt River. Ditch—Union Canal.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Culture—Acres		Subdivision	Location— Section	Tp.N.	R.E.	Length of season	Duty of water—	
		Meadow pasture	Willow sage pasture flow						C.F.S.	Acre-feet
1877	7	28	26	31	3-15—9-15	.057	21.0
1878	30	28	26	31	3-15—9-15	.244	90.0
1878	20	21	26	31	3-15—9-15	.163	60.0
1883	50	21	26	31	3-15—9-15	.407	150.0
1888	50	21	26	31	3-15—9-15	.407	150.0
1892	18.50	21	26	31	3-15—9-15	.150	55.50
1892	81.65	28	26	31	3-15—9-15	.664	244.95
1877	28	26	31	3-15—6-13	.033	6.0

Claimant—Hans Westergard.
Source—Humboldt River. Ditch—Union Canal through Lake Shore Ditch.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Culture—Acres		Subdivision	Location— Section	Tp.N.	R.E.	Length of season	Duty of water—	
		Meadow pasture	Willow sage pasture flow						C.F.S.	Acre-feet
1884	35	33	26	31	3-15—9-15	.285	105.0
1890	10	33	26	31	3-15—9-15	.081	30.0
1891	10	33	26	31	3-15—9-15	.081	30.0
1894	11.40	33	26	31	3-15—9-15	.093	34.20

Claimant—Chris Hanson.
Source—Humboldt River. Ditch—Union Canal through Reed Ditch.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Culture—Acres		Subdivision	Location— Section	Tp.N.	R.E.	Length of season	Duty of water—	
		Meadow pasture	Willow sage pasture flow						C.F.S.	Acre-feet
1882	28.70	33	26	31	3-15—9-15	.233	86.10
1885	33.70	33	26	31	3-15—9-15	.298	101.10
1905	10	33	26	31	3-15—9-15	.081	30.0

Claimant—Nellie Martin.
Source—Humboldt River. Ditch—*Larson Ditch; †Union Canal through Reed Ditch.

Date of bene- ficial use— Nat. Cult. mdw. area	Construction —first initiated— Dams Ditches	Culture—Acres		Subdivision	Location— Section	Tp.N.	R.E.	Length of season	Duty of water—	
		Meadow pasture	Willow sage pasture flow						C.F.S.	Acre-feet
*1875	25	33	26	31	3-15—9-15	.203	75.0
*1880	44	33	26	31	3-15—9-15	.358	132.0
*1875	33	26	31	3-15—6-13	.064	11.78

Claimant—Ingvert Hanson.		Source—Humboldt River.		Ditch—Union Canal through Lake Shore Ditch.		Proof No. 0034	
1878	SE $\frac{1}{4}$ SW $\frac{1}{4}$	32	31	3-15-9-15	.033
1879	15.44	SW $\frac{1}{4}$	32	26	3-15-9-15	12.0
1880	4.82	SW $\frac{1}{4}$	32	31	3-15-9-15	.126
1881	4.82	SW $\frac{1}{4}$	32	31	3-15-9-15	.039
1882	4.82	SW $\frac{1}{4}$	32	26	3-15-9-15	14.46
1883	4.82	SW $\frac{1}{4}$	32	31	3-15-9-15	.039
1884	4.82	SW $\frac{1}{4}$	32	26	3-15-9-15	.039
1885	5.79	SW $\frac{1}{4}$	32	31	3-15-9-15	14.46
1886	13.51	SW $\frac{1}{4}$	32	26	3-15-9-15	.047
1887	27.03	SW $\frac{1}{4}$	32	31	3-15-9-15	17.37
1888	11.60	SW $\frac{1}{4}$	32	26	3-15-9-15	.110
1889	SW $\frac{1}{4}$	32	26	3-15-9-15	40.53
1890	SW $\frac{1}{4}$	32	26	3-15-9-15	81.09
1891	SW $\frac{1}{4}$	32	31	3-15-9-15	.094
1892	SW $\frac{1}{4}$	32	26	3-15-9-15	34.80
1893	SW $\frac{1}{4}$	32	31	3-15-6-13	.163

Claimant—Andrew Jacobson.		Source—Humboldt River.		Ditch—Young Ditch.		Proof No. 0035	
1897	60	NW $\frac{1}{4}$	7	27	3-15-9-15	.488
1898	20	NW $\frac{1}{4}$	7	27	3-15-9-15	.163
1899	40	NW $\frac{1}{4}$	7	27	3-15-9-15	.325
1900	10	NW $\frac{1}{4}$	7	27	3-15-9-15	.081
1901	2.30	NW $\frac{1}{4}$	7	27	3-15-6-13	.019
1902	4.30	NW $\frac{1}{4}$	7	27	3-15-9-15	.035
1903	1.90	NW $\frac{1}{4}$	7	27	3-15-9-15	.015

Claimant—R. Helwinkle.		Source—Humboldt River.		Ditch—Southwest Ditch.		Proof No. 0036	
1887	20	SW $\frac{1}{4}$	23	31	3-15-9-15	.163
1888	88	SW $\frac{1}{4}$	23	31	3-15-9-15	.715
1889	29.45	SW $\frac{1}{4}$	23	31	3-15-9-15	.239

Claimant—J. A. Henrikson.		Source—Humboldt River.		Ditch—Union Canal through Reed Ditch.		Proof No. 0037	
1885	35.60	SE $\frac{1}{4}$	34	31	3-15-9-15	.289
1886	40.00	SE $\frac{1}{4}$	34	31	3-15-9-15	.285
1887	47.25	SE $\frac{1}{4}$	34	31	3-15-9-15	.384
1888	18.90	SE $\frac{1}{4}$	34	31	3-15-9-15	.154

Claimant—Estate John J. Hill.		Source—Humboldt River.		Ditch—Union Canal through Lake Shore Ditch.		Proof No. 0038	
1880	236	W $\frac{1}{2}$	21	26	3-15-9-15	.019
1881	4.30	SE $\frac{1}{4}$ SW $\frac{1}{4}$	21	26	3-15-9-15	.035
1882	80	SE $\frac{1}{4}$ SW $\frac{1}{4}$	21	26	3-15-9-15	.007
1883	1.60	NE $\frac{1}{4}$ SW $\frac{1}{4}$	21	26	3-15-9-15	.013
1884	53.50	E $\frac{1}{2}$ SW $\frac{1}{4}$	20	26	3-15-9-15	.435
1885	3.55	E $\frac{1}{2}$ SW $\frac{1}{4}$	20	26	3-15-9-15	.029
1886	29.10	W $\frac{1}{2}$ SW $\frac{1}{4}$	20	26	3-15-9-15	.237
1887	26.00	E $\frac{1}{2}$ SW $\frac{1}{4}$	20	26	3-15-9-15	.211
1888	2.30	SW $\frac{1}{4}$ NE $\frac{1}{4}$	29	31	3-15-9-15	.019

Proof No. 0039

Claimant—Joseph Hill.
Source—Humboldt River. Ditch—Union Canal through Reed Ditch.

Date of bene- ficial use— Nat. Cult. indw. area	Construction —first initiated— Dams Ditches	Harvest crops	Culture—Acres—		Subdivision	Location—		Length of season	Duty of water—	
			Meadow pasture	Willow sage pasture flow		Section	Tp.N.		C.F.S.	Acres-foot
1888	35	SW $\frac{1}{4}$	35	26	3-15—9-15	.285	105.0
1893	55	SW $\frac{1}{4}$	35	26	3-15—9-15	.447	163.0
1903	71.60	SW $\frac{1}{4}$	35	26	3-15—9-15	.582	214.80

Proof No. 0040

Claimant—Emil Holmstrom.
Source—Humboldt River. Ditch—Old Channel.

1893	50.35	E $\frac{1}{2}$ NE $\frac{1}{4}$	14	27	3-15—9-15	.125	151.05
1893	23	E $\frac{1}{2}$ NE $\frac{1}{4}$	14	31	3-15—9-15	.187	69.0
1895	70.95	S $\frac{1}{2}$ SE $\frac{1}{4}$	11	27	3-15—9-15	.577	212.85
1895	4.70	S $\frac{1}{2}$ SE $\frac{1}{4}$	11	27	3-15—9-15	.038	14.10

Proof No. 0041

Claimant—Hugh Holmstrom.
Source—Humboldt River. Ditch—Young Ditch.

1901	50	N $\frac{1}{2}$	2	27	3-15—9-15	.407	150.0
1902	34	N $\frac{1}{2}$	2	27	3-15—9-15	.276	102.0
1903	50	N $\frac{1}{2}$	2	27	3-15—9-15	.407	150.0

Proof No. 0042

Claimant—John Holmstrom.
Source—Humboldt River. Ditch—Young Ditch.

1897	25	E $\frac{1}{2}$ W $\frac{1}{2}$	6	27	3-15—9-15	.203	75.0
1897	35	W $\frac{1}{2}$ E $\frac{1}{2}$	6	27	3-15—9-15	.285	105.0
1898	65	E $\frac{1}{2}$	6	27	3-15—9-15	.198	105.0
1899	35	E $\frac{1}{2}$	6	27	3-15—9-15	.285	106.0
1897	E $\frac{1}{2}$ NE $\frac{1}{4}$	6	27	3-15—9-13	.325	60.0
	SE $\frac{1}{4}$ SE $\frac{1}{4}$	31	28			

Proof No. 0043

Claimant—Emil Holmstrom.
Source—Humboldt River. Ditch—Young Ditch.

1897	47.50	N $\frac{1}{2}$ NW $\frac{1}{4}$	12	27	3-15—9-15	.386	142.50
1897	9	N $\frac{1}{2}$ NE $\frac{1}{4}$	11	27	3-15—9-15	.073	27.0
1897	19.35	N $\frac{1}{2}$ NW $\frac{1}{4}$	12	27	3-15—9-15	.157	58.05
1897	10	N $\frac{1}{2}$ NE $\frac{1}{4}$	11	27	3-15—9-15	.081	30.0

Proof No. 0045

Claimant—Nels Jensen.
Source—Humboldt River. Ditch—Young Ditch.

1903	20	NW $\frac{1}{4}$	11	27	3-15—9-15	.163	60.0
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Claimant—**Luwig J. Munk**
 Source—**Humboldt River, Ditch—*Larson Ditch; Union Canal and Reed Ditch.**

*1874	40	SW $\frac{3}{4}$	34	26	31	3-15-0-15	.325	120.0	Proof No. 0058
1875	5	SW $\frac{3}{4}$	34	26	31	3-15-0-15	.041	15.0	
1878	55	SW $\frac{3}{4}$	34	26	31	3-15-0-15	.447	165.0	
1881	25	SW $\frac{3}{4}$	34	26	31	3-15-0-15	.203	75.0	
1874	23.70	SW $\frac{3}{4}$	34	26	31	3-15-0-15	.193	71.10	

Claimant—**N. C. Munk.**
 Source—**Humboldt River, Ditch—*Larson Ditch; Union Canal through Reed Ditch.**

*1874	35	W $\frac{1}{2}$ NE $\frac{1}{4}$	4	25	31	3-15-0-15	.285	105.0	Proof No. 0059
1879	15.35	W $\frac{1}{2}$ NE $\frac{1}{4}$	4	25	31	3-15-0-15	.125	46.05	
1880	15	W $\frac{1}{2}$ NE $\frac{1}{4}$	4	25	31	3-15-0-15	.122	45.0	
1874	3.60	W $\frac{1}{2}$ NE $\frac{1}{4}$	4	25	31	3-15-0-15	.029	5.4	

Claimant—**Johannes Anderson.**
 Source—**Humboldt River, Ditch—*Larson Ditch; Union Canal through Reed Ditch.**

*1874	20	E $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$	4	25	31	3-15-0-15	.163	60.0	Proof No. 0059
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Claimant—**Nevada Land & Livestock Co.**
 Source—**Humboldt River, Ditch—*Kewley's Slough and Union Canal.**

1887	30.80	SE $\frac{3}{4}$ SW $\frac{1}{4}$	27	27	31	3-15-0-15	.169	62.43	Proof No. 0060
1887	31.85	W $\frac{1}{2}$ SW $\frac{1}{4}$	27	27	31	3-15-0-15	.259	93.55	
1887	83.73	SW $\frac{1}{4}$	27	27	31	3-15-0-15	.081	271.25	
1876	63	S $\frac{1}{2}$	28	27	31	3-15-0-15	.528	195.0	
1878	25	S $\frac{1}{2}$	28	27	31	3-15-0-15	.203	75.0	
1880	70	S $\frac{1}{2}$	28	27	31	3-15-0-15	.569	210.0	
1884	57.40	S $\frac{1}{2}$	28	27	31	3-15-0-15	.407	172.20	
1894	70.75	W $\frac{1}{2}$ NE $\frac{1}{4}$	28	27	31	3-15-0-15	.575	212.25	
1891	133.95	NE $\frac{1}{4}$	29	27	31	3-15-0-15	1.089	401.85	
1883	51.20	NE $\frac{1}{4}$	32	27	31	3-15-0-15	.416	153.60	
1885	79.90	NE $\frac{1}{4}$	33	27	31	3-15-0-15	.650	239.70	
1895	47.90	NE $\frac{1}{4}$	33	27	31	3-15-0-15	.389	143.70	
1894	SE $\frac{3}{4}$ NE $\frac{1}{4}$	28	27	31	3-15-0-15	.012	2.25	

Claimant—**John Greve.**
 Source—**Humboldt River, Ditch—*Kewley's Slough and Union Canal.**

*1901	30.65	NW $\frac{1}{4}$ SE $\frac{1}{4}$	35	26	31	3-15-0-15	.249	91.95	Proof No. 0061
1901	NW $\frac{1}{4}$ SE $\frac{1}{4}$	35	26	31	3-15-0-15	.005	.9	

Claimant—**Mrs. Sophia O'Neil.**
 Source—**Humboldt River, Ditch—Southwest Ditch.**

1885	43.89	*N $\frac{1}{2}$ NW $\frac{1}{4}$	26	27	31	3-15-0-15	.357	131.67	Proof No. 0062
	*West of R. R. track.							

Claimant—Mary Jane Ostrander.
Source—Humboldt River. Ditch—Young Ditch.

Proof No. 0063

Date of beneficial use— Nat. Cult. mdw. area	Construction first initiated— Dams Ditches	Harvest crops	Culture—Acres— Meadow pasture	Willow and sage pasture flow	Location			Length of season	Duty of water— C.F.S. Acre-foot	
					Subdivision	Section	Tp.N. R.E.			
1895	20	N $\frac{1}{2}$ SE $\frac{1}{4}$	12	27 31	3-15-0-15	163	60.0
1897	20	N $\frac{1}{2}$ SE $\frac{1}{4}$	12	27 31	3-15-0-15	163	60.0
1898	38.50	N $\frac{1}{2}$ SE $\frac{1}{4}$	12	27 31	3-15-0-15	313	115.50

Proof No. 0064

Claimant—W. C. Pitt.
Source—Humboldt River. Ditch—Old Channel Ditch.

1890	38.15	N $\frac{1}{2}$	15	27 31	3-15-0-15	.310	114.45
1890	534.10	N $\frac{1}{2}$	15	27 31	3-15-0-15	4.342	1602.30
1891	39.23	NW $\frac{1}{4}$	23	27 31	3-15-0-15	.319	117.69
1891	88.27	NW $\frac{1}{4}$	23	27 31	3-15-0-15	.718	264.81
1895	145.05	NE $\frac{1}{4}$	9	27 31	3-15-0-15	1.179	435.15
1892	340.95	SW $\frac{1}{4}$	10	27 31	3-15-0-15	2.772	1022.85
1900	67	SW $\frac{1}{4}$	10	27 31	3-15-0-15	.545	201.0

Alot sufficient flow of water through Old Channel Ditch, priority of 1900 for generation of 50 H.P.
Alot additional flow of water with priority of 1914 for generation of additional to H.P. Location of plant near Old Channel Dam, Lovelock.

Proof No. 0065

Claimant—W. C. Pitt.
Source—Humboldt River. Ditch—Southwest Ditch.

.407 150.0

3-15-0-15

Proof No. 0065

Claimant—U. S. Government Indian School.
Source—Humboldt River. Ditch—Southwest Ditch.

.141 51.90

3-15-0-15

Proof No. 0067

Claimant—A. Reno.
Source—Humboldt River. Ditch—Old Channel.

.539 198.99

3-15-0-15

.270 90.51

3-15-0-15

Proof No. 0068

Claimant—W. C. Ruddell.
Source—Humboldt River. Ditch—Irish-American.

.163 60.0

3-15-0-15

.356 131.25

3-15-0-15

.366 135.0

3-15-0-15

.813 150.0

3-15-0-15

.322 59.42

3-15-0-15